AMENDMENTS TO THE CLAIMS

The following listing of claims will replace all prior versions and listings of claims in the application.

LISTING OF CLAIMS

1. (Currently Amended) A remote user interface system to enable a remote browser application to monitor and control a power system of the type having one or more rectifier subsystems, one or more reserve power subsystems and one or more power distribution subsystems, comprising:

a monitor and control system coupled to said power system for obtaining operating state information from at least one of said subsystems and for providing operating state information to at least one of said subsystems;

a data storage system associated with said monitor and control system for storing said operating state information; and

a user interface manager capable of accessing said data storage system and being operative to:

(a) provide an executable applet to said remote browser application, the applet generating a remote user interface within said browser application for monitoring and adjusting settings and thresholds of at least one of said subsystems;

(b) supply selected operating state information to said applet for display by said remote browser within said remote user interface; and

(c) receive data values generated by said applet in response to user interaction via said remote user interface and to communicate said data values to said data storage system for use in adjusting said settings and thresholds, said applet

constructing a message that that identifies, in addition to the data value, a screen descriptor and field identifier defining context of the data value in terms of a local user interface of said user interface manager, said remote user interface simulating functionality and appearance of said local user interface,

wherein said remote browser displays adjustable static state information within said user interface when dynamic state information that is affected by said static state information is selected in response to said user interaction.

2. (Previously Presented) The remote user interface system of claim 1 wherein said user interface manager communicates with said applet using data packets compatible with an internet protocol.

3. (Previously Presented) The remote user interface system of claim 1 wherein said user interface manager also supports a local user interface associated with said monitor and control system.

4. (Original) The remote user interface system of claim 1 wherein said user interface manager also supports a local user interface that includes a touchpad input mechanism for user interaction with the power system.

5. (Original) The remote user interface system of claim 1 further wherein said user interface manager generates at least one display screen containing both static and dynamic content.

6. (Previously Presented) The remote user interface system of claim 5 wherein said dynamic content represents said operating state information.

7. (Previously Presented) The remote user interface system of claim 1 wherein said user interface manager generates at a plurality of display screens, at least a portion of which contain dynamic content representing said operating state information, and wherein at least one of said applet and said user interface manager generates hyperlinks connecting said dynamic content with other display screens.

8. (Original) The remote user interface system of claim 1 wherein said monitor and control system includes a rectifier monitor and control module for obtaining operating state information from at least one of said rectifier subsystems.

9. (Original) The remote user interface system of claim 1 wherein said monitor and control system includes a reserve monitor and control module for obtaining operating state information from batteries attached to said power system.

10. (Original) The remote user interface system of claim 1 wherein said monitor and control system includes a distribution monitor and control module for obtaining operating state information from said power distribution subsystem.

11. (Original) The remote user interface system of claim 1 wherein said remote browser application is an internet web browser application.

12. (Currently Amended) A remote user interface system to enable a remote browser application to monitor and control a power system, comprising:

a monitor and control system coupled to said power system for obtaining operating state information about said power supply system and for providing operating state information to said power system;

a data storage system associated with said monitor and control system for storing said operating state information; and

a user interface manager capable of accessing said data storage system and being operative to provide an executable applet to said remote browser application, the applet generating a remote user interface within said browser application for monitoring and adjusting settings and thresholds of said power system, wherein said remote browser displays adjustable static state information within said user interface when dynamic state information that is affected by said static state information is selected via said user interface, said applet constructing a message that that identifies, in addition to a data value generated by said applet in response to user interaction via said remote user interface, a screen descriptor and field identifier defining context of the data value in terms of a local user interface of said user interface manager, said remote user interface simulating functionality and appearance of said local user interface.

13. (Previously Presented) The remote user interface system of claim 12 wherein said user interface manager communicates with said applet using data packets compatible with an internet protocol.

14. (Previously Presented) The remote user interface system of claim 12 wherein said user interface manager also supports a local user interface associated with said monitor and control system.

15. (Original) The remote user interface system of claim 12 wherein said user interface manager also supports a local user interface that includes a touchpad input mechanism for user interaction with the power system.

16. (Original) The remote user interface system of claim 12 further wherein said user interface manager generates at least one display screen containing both static and dynamic content.

17. (Previously Presented) The remote user interface system of claim 16 wherein said dynamic content represents said operating state information.

18. (Previously Presented) The remote user interface system of claim 12 wherein said user interface manager generates at a plurality of display screens, at least a portion of which contain dynamic content representing said operating state information, and wherein at least one of said user interface manager and said applet generates hyperlinks connecting said dynamic content with other display screens.

19. (Original) The remote user interface system of claim 12 wherein said monitor and control system includes a rectifier monitor and control module for obtaining operating state information from at least one of said rectifier subsystems.

20. (Original) The remote user interface system of claim 12 wherein said monitor and control system includes a reserve monitor and control module for obtaining operating state information from batteries attached to said power system.

21. (Original) The remote user interface system of claim 12 wherein said monitor and control system includes a distribution monitor and control module for obtaining operating state information from said power distribution subsystem.

22. (Original) The remote user interface system of claim 12 wherein said remote browser application is an internet web browser application.

23. (Currently Amended) A method of controlling a telecommunications power system, comprising:

delivering an executable applet to a browser application running on a computer that communicates with said telecommunications power system via a network;

using a processor powered by said telecommunications power system to obtain operating state information about said telecommunications power system;

communicating said operating state information to said applet via said network;

sending control information generated by said applet to said processor via said network, said applet constructing said control information as a message that identifies, in addition to a data value generated by said applet in response to user interaction via a remote user interface provided by said applet, a screen descriptor and field identifier defining context of the data value in terms of a local user interface of a user interface manager, said remote user interface simulating functionality and appearance of said local user interface;

using said control information to adjust settings and thresholds of said telecommunications power system; and

displaying adjustable static state information within said browser application when dynamic state information that is affected by said static state information is selected via said applet.

24. (Previously Presented) The method of claim 23 further comprising using said processor to store said operating state information in a database administered by said processor.

25. (Original) The method of claim 23 further comprising using said processor to store said control information generated by said applet in a database administered by said processor.

26. (Previously Presented) The method of claim 23 further comprising generating a user interface display within said browser application that includes said operating state information.

27. (Previously Presented) The method of claim 23 further comprising generating a user interface display within said browser application that includes static information and dynamic information, the dynamic information being based on said operating state information.

28. (Original) The method of claim 27 wherein said applet generates a plurality of display screens in which at least a portion of said dynamic information on one of said display screens defines a hyperlink relationship with another of said display screens.